

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

Complete if Known

Application Number	10/667,028
Filing Date	09/18/2003
First Named Inventor	Matthew K. Lacroix
Art Unit	3711
Examiner Name	Raeann Gorden
Attorney Docket Number	P-6263

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
B		US- 0,728,311	05-19-1903	Singer	
		US- 0,737,031	08-25-1903	Short	
		US- 1,120,757	12-15-1914	Steinberger	
		US- 2,859,968	11-11-1958	Modica, Jr.	
		US- 3,313,545	04-11-1967	Bartsch	
		US- 3,373,123	03-12-1968	Brice	
		US- 3,384,612	05-21-1968	Brandt, et al	
		US- 3,819,190	06-25-1974	Nepela, et al	
		US- 3,874,663	04-01-1975	Kahle	
		US- 4,058,310	11-15-1977	Mietlinen	
		US- 4,194,737	03-25-1980	Farmer	
		US- 4,274,637	06-23-1981	Molitor	
		US- 4,332,102	06-01-1982	Caffrey	
		US- 4,609,196	09-02-1986	Bozinovic	
		US- 4,664,387	05-12-1987	Tardiff	
		US- 4,679,795	07-14-1987	Melvin, et al	
		US- 4,863,167	09-05-1989	Matsuki, et al	
	C		US- 4,974,511	12-04-1990	Hsi-Chou
		US- 5,026,067	06-25-1991	Gentiluomo	

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	3
-------	---	----	---

PTQ/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	10/667,028
Filing Date	09/18/2003
First Named Inventor	Matthew K. Lacroix
Art Unit	3711
Examiner Name	Raeann Gorden
Attorney Docket Number	P-6263

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
R		US- 5,104,126	04-14-1992	Gentiluomo	
		US- 5,306,760	04-26-1994	Sullivan	
		US- 5,312,857	05-17-1994	Sullivan	
		US- 5,358,448	10-25-1994	Stephens	
		US- 5,688,869	11-18-1997	Sullivan	
		US- 5,779,562	07-14-1998	Melvin, et al	
		US- 5,779,563	07-14-1998	Yamagishi, et al	
		US- 5,779,564	07-14-1998	Nakamura, et al	
		US- 5,807,192	09-15-1998	Yamagishi, et al	
		US- 5,846,141	12-08-1998	Morgan, et al	
		US- 5,876,294	03-02-1999	Yamagishi, et al	
		US- 5,899,822	05-04-1999	Yamagishi, et al	
		US- 5,984,806	11-16-1999	Sullivan, et al	
		US- 6,004,225	12-21-1999	Owens, et al	
		US- 6,010,412	01-04-2000	Moriyama	
		US- 6,045,460	04-04-2000	Hayashi, et al	
		US- 6,048,279	04-11-2000	Masutani	
	R		US- 6,117,025	09-12-2000	Sullivan
		US- 6,120,393	09-19-2000	Sullivan, et al	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: If the reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

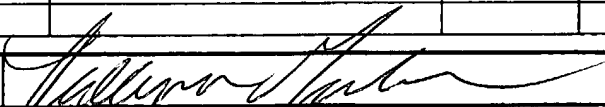
of 3

Complete if Known

Application Number	10/667,028
Filing Date	09/18/2003
First Named Inventor	Matthew K. Lacroix
Art Unit	3711
Examiner Name	Raeann Gorden
Attorney Docket Number	P-6263

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
K		US- 6,142,887	11-07-2000	Sullivan, et al	
		US- 6,174,247	01-16-2001	Higuchi, et al	
		US- 6,180,722	01-30-2001	Dalton, et al	
		US- 6,193,618	02-27-2001	Sullivan, et al	
		US- 6,196,937	03-06-2001	Kuttappa	
		US- 6,244,977	06-12-2001	Sullivan, et al	
		US- 6,261,193	07-17-2001	Sullivan, et al	
		US- 6,277,034	08-21-2001	Nesbitt, et al	
		US- 6,299,550	10-09-2001	Molitor, et al	
		US- 6,309,312	10-30-2001	Sullivan, et al	
K		US- 6,315,681	11-13-2001	Sullivan	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner
Signature

Date
Considered

9/27/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.